

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

1. (Currently Amended) A method for generating images using an ultrasound device, the method comprising:

storing a plurality of frames;

generating at least one image output from said plurality of frames, wherein said at least one image output comprises a **spatially** compounded image and a non-compounded image; and

displaying said at least one image output.

2. (Cancelled).

3. (Previously Presented) The method of claim 1, wherein at least two frames of said plurality of frames are acquired at different geometries.

4. (Previously Presented) The method of claim 1, wherein a less compounded image output is generated from less than all of said plurality of frames.

5-9. (Cancelled).

10. (Cancelled).

11. (Currently Amended) The method of claim 1, wherein at least one of said **spatially** compounded and non-compounded images is generated in real time.

12. (Cancelled).

13. (Cancelled).

14. (Currently Amended) A method for generating images using an ultrasound device, the method comprising:

acquiring a plurality of frames;

generating an image output, wherein said image output comprises a spatially compounded image and a non-compounded image from said plurality of frames; and

displaying said image output compounded and non-compounded images.

15. (Currently Amended) A system for generating an image using an ultrasound device, the system comprising:

a memory adapted to store a plurality of frames;

at least one processing device adapted to generate at least one image output from said plurality of frames, wherein said at least one image output comprises a spatially compounded image and a non-compounded image; and

a display device adapted to display said at least one image output.

16. (Previously Presented) The system of Claim 15, wherein said at least one processing device comprises at least a compound processing device.

17. (Previously Presented) The system of Claim 15, wherein said at least one processing device comprises at least a non-compound processing device.

18. (Previously Presented) The system of Claim 15, further comprising a switch coupled to said memory and said at least one processing device.

19. (Previously Presented) The system of Claim 15 further comprising a storage device coupled to said memory, wherein said storage device is adapted to receive at least one of a recall command and a store command.

20. (Previously Presented) The system of claim 15, wherein said memory may accept input from a user.

21. (Cancelled).

22. (Currently Amended) The method of claim 1, further including storing at least one of said spatially compounded and non-compounded images.

23. (Currently Amended) The method of claim 1, further including recalling at least one of said spatially compounded and non-compounded images.

24. (Previously Presented) The method of claim 14, wherein at least two frames of said plurality of frames are acquired at different geometries.

25. (Previously Presented) The method of claim 14, wherein a less compounded image output is generated from less than all of said plurality of frames.

26. (Cancelled).

27. (Currently Amended) The method of claim 14, wherein at least one of said spatially compounded and non-compounded images is generated in real time.

28-29. (Cancelled).

30. (Currently Amended) The method of claim 14, further including storing at least one of said spatially compounded and non-compounded images.

31. (Currently Amended) The method of claim 14, further including recalling at least one of said spatially compounded and non-compounded images.

32. (Currently Amended) A computer-readable storage medium including a set of instructions for execution on a computer, the set of instructions including:

an acquisition routine configured to acquire a plurality of frames;

a processing routine configured to generate an image output comprising a spatially compounded image and a non-compounded image from said plurality of frames; and

a display routine adapted to display said image output ~~compounded and non-compounded images~~.